

***Reason for allowance***

The following is an examiner's statement of reasons for allowance: the prior art of records (US 5,444,744) fails to teach or suggest a clock based voltage deviation detector comprising: a delay cell having a first delay input for receiving a said clock signal for outputting a delayed clock signal; an exclusive-OR gate for outputting said stream of reset pulses as a function of said clock signal and the delayed clock signal as called for in claim 1; a counter for generating a count value as a function of said clock signal; and a storage module for saving a particular count value at which an event of the pass/fail signal occurs as called for in claim 1; a means for correlating an event of said pass/fail indicator signal with a specific period of the clock signal at which said event occurred as called for in claim 18. Therefore, claims 1, 3-5, 10-14 and 18, 20 and 21 are allowed.

***Conclusion***

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hiep Nguyen whose telephone number is (571) 272-1752. The examiner can normally be reached on Monday to Friday from 7:30am to 4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Drew Richard N can be reached on (571) 272-1736. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2816

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Tuan T. Lam/

Primary Examiner, Art Unit 2816

/Hiep Nguyen/

Examiner, Art Unit 2816